Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

Comca	Matter of st Cable Communications, LLC, alf of its subsidiaries and affiliates)			
	termination of Effective Competition in: umbiana, Ohio - Area Franchise Areas)		•	CSR No
To:	Office of the Secretary Attn: Chief, Media Bureau		30.0	14	4.

PETITION FOR SPECIAL RELIEF

Comcast Cable Communications, LLC, on behalf of its subsidiaries and affiliates ("Comcast"), pursuant to Sections 76.7 and 76.907 of the Commission's rules, ¹ requests that the Commission find that Comcast faces "effective competition" in 14 Ohio franchise areas (the "Franchise Areas"). ²

The Communications Act of 1934, as amended (the "Act"), and the Commission's rules provide that cable television rates may be regulated only in the absence of effective competition.³ Cable operators are entitled to demonstrate that effective competition exists on a franchise-by-franchise basis.⁴ When a cable operator demonstrates that effective competition exists within a franchise area, cable rates in the affected area are no longer subject to regulation.⁵

¹ 47 C.F.R. §§ 76.7 and 76.907.

² See Exhibit 1.

³ 47 U.S.C. § 543(a)(2); 47 C.F.R. § 76.905(a).

⁴ 47 C.F.R. § 76.907.

⁵ See Implementation of Sections of the Cable Television Consumer Protection and Competition Act of 1992, Rate Regulation, 8 FCC Rcd. 5631, 5664-5665 (1993) ("Rate Order").

DWT 19731647v1 0107080-000007

Under the "competing provider" test set forth in Section 623(1)(1)(B) of the Act and Section 76.905(b)(2) of the Commission's rules (the "Competing Provider Test"), a cable system will be deemed subject to effective competition if:

- (i) the franchise area is served by at least two unaffiliated multichannel video programming distributors ("MVPDs"), each of which offers comparable programming to at least 50 percent of the households in the franchise area; and
- (ii) the number of households subscribing to multichannel video programming other than the largest MVPD exceeds 15 percent of the households in the franchise area.⁶

As demonstrated below, the Competing Provider Test is satisfied in 12 of the 14

Franchise Areas – Columbiana, East Liverpool, East Palestine, Leetonia, Liverpool, Madison,

Middleton, New Waterford, Springfield, St. Clair, Wellsville, and Yellowcreek -- because two

unaffiliated MVPDs serve over 50 percent of the Franchise Areas' households with comparable

programming and the reported penetration rate for DBS providers exceeds the 15 percent

threshold in the Franchise Areas.

In addition, under the "low penetration" test set forth in Section 623(l)(1)(A) of the Act and Section 76.905(b)(1) of the Commission's rules (the "Low Penetration Test"), a cable system serving less than 30 percent of the subscribers in a particular franchise area shall be deemed subject to effective competition and exempt from rate regulation in that community.⁷ Comcast satisfies the Low Penetration Test in the Fairfield and Unity Franchise Areas. As shown below, the reported penetration level for Comcast is 12.52 percent and 12 percent in these Franchise Areas, respectively.

⁶ 47 U.S.C. § 543(1)(1)(B)(i) and (ii); 47 C.F.R. § 76.905(b)(2)(i) and (ii).

⁷ See 47 U.S.C. § 543(1)(1)(A) and 47 C.F.R. § 76.905(b)(1).

I. THE COMPETING PROVIDER TEST IS SATISFIED IN 12 FRANCHISE AREAS

The two prongs of the Competing Provider Test are straightforward and objective. Both prongs of this test clearly are satisfied in each of the Franchise Areas.

A. More Than Two Unaffiliated MVPDs Offer Programming Comparable to Comcast to Over 50 Percent of the Households in the Franchise Areas.

The first prong of the Competing Provider Test requires that a franchise area must be served by "at least two unaffiliated multichannel video programming distributors..." This requirement is easily satisfied, because the two major direct broadcast satellite providers (DirecTV, Inc. and Dish Network, Corp.) ("DBS Providers") are unaffiliated with Comcast and "offer" programming that is comparable to Comcast to more than 50 percent of the households in Comcast's Franchise Areas.

Service of an MVPD will be deemed "offered" when it is both technically and actually available. The Commission has determined that DBS service is presumed to be "technically available" throughout the country due to its nationwide satellite footprint. Comcast's Franchise Areas are well within the satellite footprint of DirecTV and Dish Network. Thus, both DirecTV and Dish Network are "technically available" in the Franchise Areas.

DBS service is presumed to be "actually available" if households in a franchise area are made "reasonably aware" that the service is available. 11 The Commission has stated that "a party

⁸ 47 U.S.C. § 543(1)(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i). Section 602 of the Communications Act of 1934, as amended, defines "multichannel video programming distributors" to include cable operators, as well as DBS and MMDS providers. *See* 47 U.S.C. § 522(13).

⁹ Rate Order ¶ 29.

¹⁰ See MediaOne of Georgia, Inc; Petition for Revocation of the Certification of Gwinnett County, Georgia, 12 FCC Rcd. 19406, ¶ 5 n.16 (1997) (citing Rate Order, at 5660-5661).

¹¹ See Rate Order ¶ 32 (citations omitted). See also Charter Communications, LLC d/b/a Charter Communications Petition for Determination of Effective Competition in Fourteen North Carolina Communities, et al, 19 FCC Red. 7003, ¶ 4 (2004).

may use evidence of penetration rates in the franchise area (the second prong of the competing provider test ...) coupled with the ubiquity of DBS services to show that consumers are reasonably aware of the availability of DBS service."¹² The same reasoning applies here. DirecTV and Dish Network are among the largest MVPDs in the nation.¹³ With approximately 33.8 million subscribers nationwide, ¹⁴ comprising over 33 percent of all MVPD subscribers, ¹⁵ ubiquitous advertising, and the substantial DBS penetration figures in the Franchise Areas, it is clear that consumers in the Franchise Areas are "reasonably" aware of the availability of DBS

¹² Comcast Cable Communications, LLC Petition for Determination of Effective Competition in Various Michigan Communities, 23 FCC Rcd. 9595, ¶ 5 (2008), citing Mediacom Illinois LLC et al., Eleven Petitions for Determination of Effective Competition in Twenty-Two Local Franchise Areas in Illinois and Michigan, 21 FCC Rcd. 1175 (2006) ("Comcast – Various Michigan Communities"). Thus, the Commission has not required the production of advertising to demonstrate that households in the franchise area are "reasonably aware" of the availability of DBS service. See Bright House Networks, LLC Petition for Determination of Effective Competition (Lake Alfred and Dundee FL), 22 FCC Rcd. 4390, ¶ 6 (2007) ("Over more than ten years, we have made hundreds of findings that households in particular franchise areas are reasonably aware that they may purchase DBS services based on localized evidence. These accumulated showings amount to substantial evidence that households in all franchise areas are reasonably aware that they may purchase DBS services. In at least one earlier reported decision, we found households in a franchise area to be reasonably aware that they may purchase DBS service solely based on evidence of DBS's nationwide growth and local subscriptions, without reference to advertising or other promotion.") ("Bright House Networks – Florida").

 $^{^{13}}$ See Thirteenth Annual Assessment of the Status of Competition in the Market for the Delivery of Video Programming, MB Docket No. 06-189, FCC 07-206, \P 76 (rel. Jan. 16, 2009).

¹⁴ See Press Release, DirecTV Inc., DirecTV Announces Fourth Quarter and Full Year 2011 Results (Feb. 16, 2012) (reporting that, as of December 31, 2011, DirecTV (US) had 19.9 million subscribers), available at http://investor.directv.com/releasedetail.cfm?ReleaseID=649162; See Press Release, Dish Network, Dish Network Reports Fourth Quarter and Year End 2011 Financial Results (Feb. 23, 2012) (reporting that, as of December 31, 2011, Dish Network had approximately 13.97 million subscribers), available at http://press.dishnetwork.com/press-releases/dish-network-reports-fourth-quarter-and-year-end-2-nasdaq-dish-0855001.

¹⁵ Georg Szalai, *Pay TV Operators Added 300,000 Subscribers in Fourth Quarter*, The Hollywood Reporter, March 19, 2012 (citing SNL Kagan report of 100.31 million video subscribers by the end of 2011), *available at* http://www.hollywoodreporter.com/news/pay-tv-operators-added-subscribers-fourth-quarter-snl-kagan-showtime-starz-hbo-301624.

competitors.¹⁶ Accordingly, both DirecTV and Dish Network are presumed to be "actually available" in the Franchise Areas, and are offered to over 50 percent of the households in the Franchise Areas.

The Competing Provider Test also requires that the programming offered by the competing provider must be "comparable" to the programming offered by the cable operator. The Commission's rules define comparable programming as "at least 12 channels of video programming, including at least one channel of nonbroadcast service programming." The Commission has repeatedly recognized that the DBS Providers offer comparable programming under the Commission's Competing Provider Test. Each of the DBS Providers offer well over 100 video channels, most of which are non-broadcast services. And, as shown in the attached channel line-up, Comcast's programming service offerings in the Franchise Areas are substantially similar to the DBS Providers' programming services.

Based on the above facts, Comcast has satisfied the first prong of the Competing Provider Test.

 $^{^{16}}$ See, e.g., Comcast – Various Michigan Communities \P 5; Bright House Networks – Florida \P 6.

¹⁷ See 47 U.S.C. § 543(1)(1)(B)(i); 47 C.F.R. § 76.905(b)(2)(i).

¹⁸ 47 C.F.R. § 76.905(g).

¹⁹ See, e.g., Comcast Cablevision of Maryland, Inc., Petitions for Determination of Effective Competition (Charles County, MD), 19 FCC Rcd. 7130, ¶ 4 (2004) ("We find that the programming of DBS providers satisfies the Commission's program comparability criterion because DBS providers offer more than 12 channels of video programming, including more than one non-broadcast channel.").

²⁰ See Channel Line-ups of DirecTV and Dish Network, attached hereto as Exhibit 2.

²¹ See Comcast Channel Line-up, attached hereto as Exhibit 3.

B. The Competing Providers Serve Greater Than 15 Percent of the Households In Comcast's Franchise Areas.

The second prong of the Competing Provider Test requires that the subscriber base of competing MVPDs, other than the largest MVPD, exceeds 15 percent of franchise area households.

DBS Providers track their subscribers according to the zip codes where each subscriber resides, rather than by political jurisdiction. In this case, Comcast relied on ZIP+4 codes associated with each Franchise Area in order to determine the number of DBS subscribers within the Franchise Area.²² The Commission has previously accepted ZIP+4 codes as "reasonable and sufficiently reliable for purposes of determining the presence of effective competition,"²³ and stated its preference for this approach.²⁴

To determine the relevant ZIP+4 codes for the Franchise Areas, Comcast contacted Media Business Corp. ("MBC," previously known as "SkyTrends"). MBC has developed a process to accurately identify the ZIP+4 codes that correspond with the political boundaries of a particular community. This process utilizes enhanced mapping software that correlates ZIP+4 codes with the U.S. Census Department's "block group" level households. The "block group" measurement is the most precise Census tool available to measure households within a very

²² In certain instances, the *entire* 5-digit ZIP code is located within a particular franchise area. In these situations, Comcast used that standard 5-digit ZIP code, rather than the more detailed ZIP+4 analysis, as the additional detail would not provide any greater accuracy.

²³ See Cable One, Inc. Petition for Determination of Effective Competition in Pocatello, Idaho, 18 FCC Rcd. 12792, ¶ 8 (2003), quoting Falcon Cable Systems II, a California Limited Partnership, d/b/a Charter Communications Petition for Determination of Effective Competition in Twelve Oregon Cities, 17 FCC Rcd. 4648 (2002).

²⁴ See Public Notice, "Commission Announces New Standards for Showings of Effective Competition For Cable Service," 23 FCC Rcd. 12067 (2008). The Commission stopped short of requiring ZIP+4 evidence in effective competition cases. See Public Notice, "Commission Clarifies Standards for Evidence of Competing Provider Effective Competition for Cable Service," DA 09-1361, 24 FCC Rcd. 8198 (2009).

small geographical area. With this software, MBC was able to identify the ZIP+4 codes that lie within the Franchise Areas.²⁵

Comcast next provided all of the ZIP+4 codes for the Franchise Areas to the Satellite Broadcasting and Communication Association ("SBCA"). SBCA is the national trade association representing the two major DBS Providers, and it has assumed the responsibility for compiling subscribership data and responding to data requests from cable operators and franchising authorities engaged in effective competition proceedings. The DBS subscriber numbers reported in the attached Effective Competition Tracking Reports ("ECTR") from SBCA reflect the total DBS subscribers within the individual ZIP+4 codes associated with the Franchise Areas. ²⁶

Finally, Comcast compared the DBS subscribership figures reported by SBCA with its own subscribership, and was able to confirm that its own subscribership exceeded DBS subscribership in 8 of the 12 communities that qualify for effective competition under the Competing Provider Test – Columbiana, East Liverpool, East Palestine, Leetonia, Liverpool, New Waterford, St. Clair, and Wellsville. Comcast is the largest MVPD in these Franchise Areas.

In the Madison, Middleton, Springfield, and Yellowcreek Franchise Areas, Comcast serves in excess of 15 percent of the households, while competing providers serve 56.21 percent, 51.78 percent, 29.29 percent, and 43.58 percent, respectively. The Commission has recognized that where "the subscribership penetration for both [the cable operator] and the aggregate DBS information each exceed 15 percent in the franchise area, the second prong of the competing

²⁵ See Letter from MBC (explaining ZIP+4 methodology), attached hereto as Exhibit 4.

²⁶ See Exhibit 5 (providing total ZIP+4-based DBS subscribership for the Franchise Areas, as well as all ZIP+4 data relied on in the Petition).

provider test is satisfied."²⁷ Thus, it is immaterial in these Franchise Areas which MVPD is the largest, because both competing providers (as shown below) and cable readily pass the 15 percent threshold.

To determine whether DBS subscribership exceeds the statutorily mandated 15 percent threshold in the Franchise Areas, Comcast compared the competing providers' subscribership to the most recent U.S. Census occupied household unit figures for the communities.²⁸ This comparison yields the penetration rate for DBS Providers in the Franchise Areas.

As detailed in Exhibit 7, the subscriber rate for the DBS Providers in the Franchise Areas exceeds the 15 percent threshold required under Section 623(1)(1)(B) of the Act. Accordingly, Comcast meets the second prong of the Competing Provider Test.

Because Comcast meets both prongs of the Competing Provider Test in the Columbiana, East Liverpool, East Palestine, Leetonia, Liverpool, Madison, Middleton, New Waterford, Springfield, St. Clair, Wellsville, and Yellowcreek Franchise Areas, it faces effective competition in these Franchise Areas.

II. THE LOW PENETRATION TEST IS SATISFIED IN 2 FRANCHISE AREAS

In addition to satisfying the Competing Provider Test above, Comcast is entitled to an effective competition determination in the Fairfield and Unity Franchise Areas, because the Company serves less than 30 percent of the local households in these particular Franchise Areas.

Section 623(l)(1)(A) of the Act provides that a cable system will be deemed subject to effective competition if "fewer than 30 percent of the households in the franchise area subscribe

²⁷ Charter Communications – Seven Local Franchise Areas In Missouri, 21 FCC Rcd. 1208, \P 5 (2006).

²⁸ 2010 Census Data household data figures are available at http://factfinder.census.gov, the relevant pages of which are attached hereto as Exhibit 6.

to the cable service of a cable system."²⁹ The measurement of subscribership under this test "will be based on the subscribership of the particular cable system in question, and not an aggregation of the subscriberships of all cable systems and competitors in the franchise area."³⁰

To determine whether Comcast subscribership is less than 30 percent in these Franchise Areas, Comcast compared the Company's subscribership to the U.S. Census household figures for the community.³¹ This comparison yields a Comcast penetration rate of 12.52 percent in the Fairfield Franchise Area and 12.00 percent in the Unity Franchise Area.³²

Comcast has demonstrated that fewer than 30 percent of the households in the Fairfield and Unity Franchise Areas subscribe to the Company's cable service. Accordingly, Comcast has satisfied the criteria for establishing effective competition under 47 C.F.R. § 76.905(b)(1) for these Franchise Areas.

CONCLUSION

Comcast's cable system is subject to effective competition in 12 of the 14 Franchise

Areas under the Competing Provider Test. The Company is subject to effective competition in 2

of the Franchise Areas under the Low Penetration Test. Based on the evidence presented herein,

Comcast respectfully requests that the Media Bureau issue an order acknowledging the presence

²⁹ 47 U.S.C. § 543(1)(1)(A); 47 C.F.R. § 76.905(b)(1). See also CC Michigan L.L.C. d/b/a Comcast Communications, 17 FCC Red. 1513, ¶ 2 (2002).

³⁰ Rate Order ¶ 18.

³¹ See Exhibit 6.

³² See Exhibit 8.

of effective competition in each of the 14 Ohio Franchise Areas as of the filing date of this Petition.

Respectfully submitted,

Comcast Cable Communications, LLC on behalf of its subsidiaries and affiliates

By

Frederick W. Giroux

Davis Wright Tremaine, LLP

1919 Pennsylvania Avenue, N.W., Suite 800

Washington, D.C. 20006

(202) 973-4200

July 9, 2012

Its Attorneys

CERTIFICATION PURSUANT TO 47 C.F.R. § 76.6(a)(4)

The below-signed signatory has read the foregoing Petition for Special Relief, and to the best of my knowledge, information and belief formed after reasonable inquiry, it is well grounded in fact and is warranted by existing law or a good faith argument for the extension, modification or reversal of existing law; and is not interposed for any improper purpose.

Respectfully submitted,

Comcast Cable Communications, LLC on behalf of its subsidiaries and affiliates

By:

Frederick W. Giroux

Davis Wright Tremaine LLP 1919 Pennsylvania Avenue, N.W. Suite 800 Washington, DC 20006 (202) 973-4200

July 9, 2012

Its Attorney

DECLARATION OF WARREN FITTING

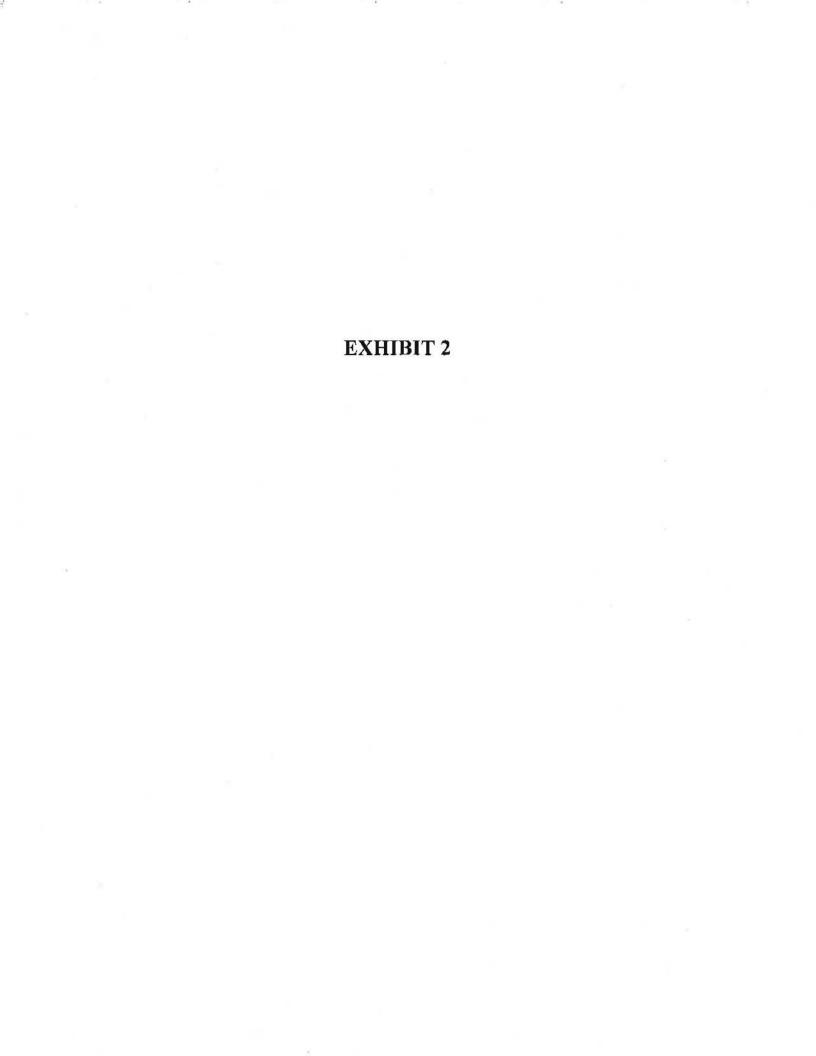
- I, Warren Fitting, declare, under penalty of perjury that:
- 1. I am the Senior Director of Regulatory Accounting for Comcast Cable Communications, LLC ("Comcast").
- 2. I have read the foregoing Petition for Special Relief ("Petition") and am familiar with the contents thereof and the matters referred to therein.
- 3. I have reviewed Comcast's respective cable subscriber numbers for the Franchise Areas at issue in this Petition, as well as the DBS subscriber numbers provided by SBCA for the individual Franchise Areas as described in the Petition. Of the Franchise Areas subject to the Competing Provider Test, Comcast is the largest multichannel video program provider in the Columbiana, East Liverpool, East Palestine, Leetonia, Liverpool, New Waterford, St. Clair, and Wellsville Franchise Areas. In the Madison, Middleton, Springfield, and Yellowcreek Franchise Areas, the penetration rate for the competing providers, as well as the penetration rate for Comcast, exceeds 15 percent.
- 4. The facts contained within the Petition are true and correct to the best of my knowledge, information and belief.

Date June 11, 2012 Warren Fitting

EXHIBIT 1

PSID# 020665

CUID#	COMMUNITY
OH0187	Columbiana
OH0023	East Liverpool
OH0245	East Palestine
OH0226	Fairfield
OH0186	Leetonia
OH2236	Liverpool
OH1695	Madison
OH0435	Middleton
OH0280	New Waterford
OH1092	Springfield
OH1054	St. Clair
OH0594, OH2232	Unity
OH0024	Wellsville
OH1696	Yellowcreek



	rint channel	s for ZIP Code 17303 (No loca	als available)		F	PRINT E
N ESPAÑOL							
ONCE México*	447	V-me*	440	mun2	410		
IATIONALS			01.5				(VS
Bnet (HD)	HD 107	Disney Channel (West)	291	Hope⁴	368	RFD TV	345
A&E	HD 265		HD 292	INSP	364	ReelzChannel	238
ABC Family	HD 311	Documentary Channel	267	ION Television	305	SOAPnet	262
American Movie Classics AMC)	HD 254	E! Entertainment	236	ION Television West	347	Science Channel	HO 284
inimal Planet	HDI 282	ESPN -	HD 206	Independent Film Channel (IFC)	559	ShopNBC	316
udience Network	HD 239	ESPN 3D (HD)	106	Investigation Discovery	285	Speed Channel	HQ 60
BC America	264	ESPN2	HO 209	(ID)		Spike	HO 24
BYU TY	374	ESPNEWS	田団 207	Jewelry Television	313	Style	23
ig Ten Network	HD 610	ESPNU	HD 208	Jewish Life Television*	366	Syfy Channel	HD 24
liography Channel	HD 266	EWTN	370	Lifetime	HD 252	TBS	HD 24
lack Entertainment	HD 329	Enlace Christian	448	Lifetime Movie Network	253	TCT Network	37
elevision (BET)	JL7	Television* FUEL TV	HD] 618	LinkTV	375	TNT	HD 24
loomberg Television	353	FX	HD 248	Logo	272	TV Guide Network	27
comerang	298	Food Network	HD 231	MHz WORLDVIEW*	2183	TV Land	30
rayo	HD 237			MLB Network	HD 213	TV One	32
BS Sports Network	HD 613	Fox Business Network	四 359	MSNBC	HD 356	TeenNick	30
CTV-9	2053	Fox Movie Channel	258	MTV	HD 331	Tennis Channel	HD 21
MT	HD 327	Fox News Channel	四 360	MTV2	333	The Hub	29
:NBC	HD 355	Free Speech TV*	348	Military Channel	287	The Learning Channel	HO 28
NBC World	357	Fuse	339	NASA TV	289	The Sportsman Channel	60
INN	HD 202	GEM NET (Global	2068	NBA TV	HO 216	The Word Network	37
SPAN 1	350	Expansion Media Network).*		NFL Network	HD 212	Travel Channel	HD 27
SPAN 2	351	GOD TV	365	NHL Network	HO 215	Trinity Broadcasting	37
		GSN, the network for	233			Network (TBN)	2,
Cartoon Network (East)	HQ 296	games	200	NRB	378	TruTV	24
artoon Network (West)	297	Galavision	404	Nat Geo WILD	283	Turner Classic Movies	25
entric	330	GolTV HD English	HD 620	National Geographic Channel	HD 276	(TCM)	
hiller	257	Golden Eagle	363	Nick Jr.	301	USA Network	H□ 24
hristian Television letwork (CTN)	376	Broadcasting*		Nickelodeon (East)	HD 299	Univision	40
Church Channel	371	Golf Channel	HE 218	Nickelodeon (West)	300	VH1	HD 33
loo	308	Gospel Music Channel	338		302	VH1 Classic	33
Comedy Central	HD 249	Great American Country	326	Nicktoons Network		Versus	HD],60
	- 10000000	H2	271	OWN	279	WE: Women's	26
ooking Channel Jurrent TV	232	HD Theater	HD 281	Ovation TV	274	Entertainment	(C)=1.5
	358	HDNet	HD 306	Oxygen	251	WGN America	HD 30
NY Network	230	HITN*	438	PBS	0	Weather Channel	HD 36
laystar	369	Hallmark Channel	HD 312	PBS Kids Sprout	295	World Harvest Television	
Discovery Channel	HD 278	Headline News	204	Planet Green	HD 286	n3D	HD 10
iscovery Fit & Health	261	History Channel	HD 269	Pursuit Channel	608	1	
Disney Channel (East)	日 290	Home & Garden Television (HGTV)	HD 229	QVC	275		
		Home Shopping Network	240				
REMIUMS	291						
CTADMAY US 5	Field rein	E SI CUI DE	CONTRACTOR OF THE PARTY OF THE	THE RESERVE THE PROPERTY OF THE PARTY OF THE		THE PERSON NAMED IN COLUMN TO PARTY.	THE PERSON
STARMAX HD East	HD 520	FLIX ON DEMAND®	1557	MoreMAX	프리 517	STARZ® ON DEMAND	15
MAX HD East	HD 523	FOX Deportes	624	Outdoor Channel	606	Showtime Beyond HD	HD 5
ActionMAX HD	HD 519	Flix	557	SHOWTIME	HD 545	Showtime Next HD	HD 5
inemax East	HD 515	Fox Soccer Channel	HO 619	SHOWTIME (West)	HD 546	Showtime Women HD	HD 5
inemax West	HD 516	GolTV	620	SHOWTIME 2	HD 547	Sundance Channel	5
NCORE (East)	HD 535	HBO (East)	HD 501	SHOWTIME Extreme	HD 549	Sundance ON DEMAND	15
NCORE (West)	536	HBO (West)	HO 504	SHOWTIME ON DEMAND	1545	THE MOVIE CHANNEL™	15
NCORE Action	541	HBO 2 (East)	HD 502	SHOWTIME Showcase	HD 548	ON DEMAND	
NCORE Drama	540	HBO 2 (West)	505	STARZ (East)	HD 527	TMC Xtra HD East	HD 5
NCORE Family	542	HBO Comedy HD	HD 506	STARZ (West)	HD 528	TVG - The Interactive	6
		l comments		1 simulation	220	Horseracing Network The Movie Channel	HD 5

PREMIUMS							
ENCORE Love	537	HBO Family (East)	HD 507	STARZ Cinema HD	HD 531	The Movie Channel	555
ENCORE Suspense	539	HBO Family (West)	508	STARZ Comedy HD	HD 526	(West) ThrillerMAX HD	522
ENCORE Westerns	538	HBO Latino	田回 511		HD 529		521
ENCORE® ON DEMAND	1535	HBO Signature	HD 503		HD 530	THE CASE	
ESPN Classic Sports	614	HBO Zone HD	10 509	STARZ Kids & Family HD	HD 525		
REGIONAL SPORT	NETWOR	KS					11 (7)
Altitude Sports & Ent.	HD 681	FS Arizona	HD 686		HD 648		±⊡ 683
681 Altitude Sports	H를 682	FS Cincinnati FS Detroit	旧D 661 663		HD 6/6	Spor Court	回 649
Alternate 682 CSN Bay Area	HD 696	FS Detroit Plus	HD 664		HD 692	-	包 650
		FS Florida	HD 654		HD 640		西 639
697	F-157 031	FS Florida Plus	HD 655		635	-	1D 662
CSN Catifornia	HD 698	F5 Midwest	HD 671	Madison Square Garden	HD 634		亚 653
CSN California alt 699	699	FS North	HD 668	634	5 TES 620	-	- 656 - 656
CSN Chicago Alt. #2	667	FS Ohio	HD 660		HD 628	Yankee Ent. & Sports (YES) 631	-50] 631
CSN MidAltantic Alt.	田 643	FS South	HO 646	TAMES CANADA	HD 694	(,	
CSN MidAtlantic 642	HD 642	FS South Plus	HD 647	ROOT SPORTS Northwest ROOT SPORTS Pittsburgh	- 1		
CSN New England 630 Comcast SportsNet	田豆 630		i	KOOT SPOKTS FILESDUIST	K. 1037		
Chicago 665	田 665	h	1				
SATELLITE RADIO							
SONICTAP: 60's Revolution	803	SONICTAP: College Rock		SONICTAP: Italian Bistro	881	SONICTAP: Regional	87
SONICTAP: 70's Hits	804	SONICTAP: Dance	859	Blend SONICTAP: Italian	882	Mexican SONICTAP: Retro Disco	84
SONICTAP: 8-Tracks	840	SONICTAP: Familiar	880	Contemporary	002	SONICTAP: Rock en	87
SONICTAP: 80's Hits	805	Favorites SONICTAP: Fiesta	870	SONICTAP: Jazz	852	Espanol	0.
SONICTAP: 90's Hits	806	Tropical	0,0	SONICTAP: Latin Hits	871	SONICTAP: Salsa	87
SONICTAP: Adult	832	SONICTAP:	839	SONICTAP: Latin Jazz	879	SONICTAP: Showtunes	- 82
Alternative		Flashback/New Wave SONICTAP: Folk Rock	813	SONICTAP: Light	866	SONICTAP: Silky Soul	84
SONICTAP: Adult	821	SONICTAP: Full Metal	830	Classical SONICTAP: Love Songs	819	SONICTAP: Silver Screen	82
Contemporary SONICTAP: Alternative	834	Jacket	630	SONICTAP: Malt Shop	802	SONICTAP: Singer- Songwriters	83
SONICTAP: Bailamos!	869	SONICTAP: Gospel Glory	827	Oldies	002	SONICTAP: Smooth Jazz	85
SONICTAP: Be-Tween	867	SONICTAP: Great	855	SONICTAP: Mariachi	076		
SONICTAP: Beautiful				Torrion a ringinger	876	SONICTAP: Soft Hits	84
	820	Standards	074	SONICTAP: Metro Blend	8/6 853	SONICTAP: Soft Hits	
Instrumentals	820	Standards SONICTAP: Groove Lounge	824	SONICTAP: Metro Blend SONICTAP: Modern		SONICTAP: Soft Hits SONICTAP: Spike SONICTAP: SubTerranean	84
Instrumentals SONICTAP: Big	820 801	SONICTAP: Groove	824 829	SONICTAP: Metro Blend SONICTAP: Modern Country	853 814	SONICTAP: Spike	84 85
Instrumentals SONICTAP: Big Band/Swing	801	SONICTAP: Groove Lounge		SONICTAP: Metro Blend SONICTAP: Modern	853	SONICTAP: Spike SONICTAP: SubTerranean	84 85 86
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass	801	SONICTAP: Groove Lounge SONICTAP: Hair Guitar	829	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La	853 814 860	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic	84 85 86 84
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues	801	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays &	829 828	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas	853 814 860 85 872	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground	84 85 86 84 86
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro	801 812 854 877	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings	829 828 809 815	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age	853 814 860 as 872 856	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit	84 85 86 84 86 82
Instrumentals SCANICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits	801 812 854	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern	829 828 809 815	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk	853 814 860 85 872 856 844	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits	84 85 86 84 86 87 87
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz	801 812 854 877 837	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz	829 828 809 815 811	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP!	853 814 860 85 872 856 844 861	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country	84 85 86 84 86 86 87 87
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Vocal Blend	801 812 854 877 837	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits	829 828 809 815 811 825 818	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano	853 814 860 85 872 856 844 861 865	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility	84 85 86 84 86 87 87 88
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Yocal Blend SONICTAP: Classic Jazz	801 812 854 877 837 850	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits SONICTAP: Hurbano	829 828 809 815 811 825 818 875	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano SONICTAP: Rat Pack	853 814 860 85 872 856 844 861 865 807	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility SONICTAP: Y2k Hits	84 85 86 84 86 87 87 88
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Vocal Blend SONICTAP: Classic R&B SONICTAP: Classic R&B SONICTAP: Classic R&B	801 812 854 877 837 850 842 833	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits SONICTAP: Hurbano SONICTAP: Hype	829 828 809 815 811 825 818 875 847	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano SONICTAP: Rat Pack SONICTAP: Reality Bites	853 814 860 85 872 856 844 861 865 807 838	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility	84 85 86 84 86 82 81 80
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Vocal Blend SONICTAP: Classic R&B SONICTAP: Classic Rock Workout	801 812 854 877 837 850 842 833 862	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hair Guitar SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits SONICTAP: Hurbano SONICTAP: Hype SONICTAP: Ink'd	829 828 809 815 811 825 818 875 847	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano SONICTAP: Rat Pack SONICTAP: Reality Bites SONICTAP: Red, Rock and Blues	853 814 860 85 872 856 844 861 865 807 838 810	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility SONICTAP: Y2k Hits	84 85 86 84 86 87 87 88
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Bluegrass SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Vocal Blend SONICTAP: Classic R&B SONICTAP: Classic Rock SONICTAP: Coffeehouse Rock	801 812 854 877 837 850 842 833 862	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hallelujah SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits SONICTAP: Hurbano SONICTAP: Hype	829 828 809 815 811 825 818 875 847	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano SONICTAP: Rat Pack SONICTAP: Reality Bites SONICTAP: Red, Rock	853 814 860 85 872 856 844 861 865 807 838	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility SONICTAP: Y2k Hits	844 85 86 84 86 82 81 80 88
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Vocal Blend SONICTAP: Classic RetB SONICTAP: Classic Rock Workout SONICTAP: Coffeehouse Rock	801 812 854 877 837 850 842 833 862	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hair Guitar SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits SONICTAP: Hurbano SONICTAP: Hype SONICTAP: Ink'd	829 828 809 815 811 825 818 875 847	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano SONICTAP: Rat Pack SONICTAP: Reality Bites SONICTAP: Red, Rock and Blues	853 814 860 85 872 856 844 861 865 807 838 810	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility SONICTAP: Y2k Hits	84 85 86 84 86 82 81 80
Instrumentals SONICTAP: Big Band/Swing SONICTAP: Bluegrass SONICTAP: Blues SONICTAP: Carnaval Brasileiro SONICTAP: Classic Hits Blend SONICTAP: Classic Jazz Vocal Blend SONICTAP: Classic R&B SONICTAP: Classic Rock SONICTAP: Coffeehouse	801 812 854 877 837 850 842 833 862	SONICTAP: Groove Lounge SONICTAP: Hair Guitar SONICTAP: Hair Guitar SONICTAP: Hit Country SONICTAP: Holidays & Happenings SONICTAP: Honky Tonk Tavern SONICTAP: Hot Jamz SONICTAP: Hottest Hits SONICTAP: Hurbano SONICTAP: Hype SONICTAP: Ink'd	829 828 809 815 811 825 818 875 847	SONICTAP: Metro Blend SONICTAP: Modern Country SONICTAP: Modern Workout SONICTAP: Musica De La Americas SONICTAP: New Age SONICTAP: Old School Funk SONICTAP: PUMP! SONICTAP: Piano SONICTAP: Rat Pack SONICTAP: Reality Bites SONICTAP: Red, Rock and Blues	853 814 860 85 872 856 844 861 865 807 838 810	SONICTAP: Spike SONICTAP: SubTerranean SONICTAP: Symphonic SONICTAP: The Boombox SONICTAP: The Playground SONICTAP: The Spirit SONICTAP: Today's Hits SONICTAP: Traditional Country SONICTAP: Tranquility SONICTAP: Y2k Hits SONICTAP: Zen	86

^{*}The following channels require a special dish or equipment: MHz, GEM NET, Hope Channel, JLTV, Once, HITN, Y-Me, Enlace, Golden Eagle Broadcasting, and Free Speech TV. Please call 1-800-531-5000 for more information.



DIS	H Network	¥.	an light of		AVAILABLE TO ALL CUSTOMERS
BEST	Best		219	PREVW	Free Preview Guide 102
LQCH EARTH	Liquidation Channel DISH Earth		287	ONPPV	Pay-Per-View Guide 500
DN101	DISH 101		1014	inverse and the	Some Contract Season
HOME	DISHHOME		100	handa.	and the second s

ALIVE	America Live 219	HMC	Hallmark Movie Channel	187
ANGEL	Angel One 252	EXCEPTIONS	MANUFACTURE STREET	AND COM
ANGL2	Angel Two 266	HSN	HSN	84
APL	Animal Planet	HSU2	2 (1919) A 10 (2017) A 10 (2018)	in this
810	Blo 119	HUB	Hub	179
BITY	Bloomberg Television 203	a light of	he opinional distribution	
BOOM	Beomerang sap 175	INSP	Inspiration Network	259
BUYI	Buy! /221	Par (10)	Alogo ale dige histografic	in the
CBSSN	CBS Sports Network 152	M JIV	Jewelry Television	227
CCTVE	CCTV-E	1//(2)	Meleconomic Marie and American	200
CCNEW	CCTV-News 265	NICK	Nick/Nick at Nite (E)	170
COOK	Cooking Channel	4 Mokw	PROPERTY AND ASSOCIATION	
CSPN2	C-SPAN2 211	NICKT	Nicktoons Network	178
IYSTR	Daystar 203	HOURE	sa Dinbari Disnuti	建筑工业和 类
3IY	DIY 111 S	QVC	QVC	137
DOC	Documentary Channel 197	REDTY	ALPINE SERVICE	建设金额
FOOD	Food Network 110	SALE	Sale	225
FXNWS	FOX News Channel 205	7 30	piller site and the	等版 PR語
SC	FOX Soccer Channel 406	SHOP	shop	224
EMS	Gems and Jewelry 223 74	SHMGO	Shoulder As a second second	124 PAG
AC	Great American Country (GAC) 167	TVLND	TV Land	106
ILMAK	Hallmark Chunnel	TWO	. Wester The sport	是是自然性

ALTUD	Altitude Sports & Entertalinment	a a	410	FOXOH	Fox Soorts Ohio	CO .	425
CSTNO	Cox Sports Television New Orleans	CO	421	PRIME	Fox Sports Prime Ticket	(HD)	動作品
CSNBA	Corncast SportsNet Bay Area		419	FOXS	Fox Sport South	ED.	420
CSNCA	Cumcast SportsNet California	GO	409	FOXSW	Fox Sports Southwest	(HDI	经和6 法
CSNCH	Corncast SportsNet Chicago	ED)	429	FOXW	Fox Sports West	a de la companya della companya della companya de la companya della companya dell	417
CSNMA	Comcast SportsNet Mkd-Atlantic	an an	424	FUEL	FUELTY TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO T	440	398
CSNNE	Corncast SportsNet New England	[10]	435	MASN	Mid-Atlantic Sports Network		432
ESPCL	ESPN Classic*	THURSTON	143	MASN2	Michalberbo Sports Network Atempta	AND THE	188
FSC	Fox Soccer Channel	GD	406	NESN	New England Sports Network	CO .	434
OXS+	Fox Soccer Plus**	1.5%	407	NFLRZ	NFU Reczone	(HD)	[55]
FOXAZ	Fox Sports Arizona		415	RTNW	ROOT Sports Northwest	TO COM	426
FOXCN	Fox Sports Cincinnati	(III)	427	RIPT	ROOT Sports PittsGurph	HD	428
OXO	Fox Sports Detruit	an	430	RTRM	ROOT Sports Rocky Mountain	Œ	414
FOXFL	Fox Sports Florida	ad a	423	SPSOU	SINT SOUTH PLANTS AND THE STATE OF THE STATE	HD	437
FOXMVV	Fax Sports Midwest	a	418	STO	SportTime Ohio	a a	431
FOXN	Fox Sports North	CO	438	SUN	Soft Shorts	HD	11/2

Channels are broadcast is both SO & HD unless indicated as "HD only." You must have an HD television to view channels in high definition.

BOLD - Chammels in bald are some of our most popular chammels. SAP - FREE Spenish audio feed annihilate Audio disponible on separtal. Available on select HD chammels. No acts disponible on today for consider HD. Availability of Regional Sports Networks based on peographical boation and programming puckage subscription. They evaluable with Adult-Sport Pack, "Available a la carte.

FBC9*, Chipmanian and making charmeds and service marks are the property of those Section for Section for Section and an electronic section for Sectio

	ckbuster Movie	RECEIVE A		ickburiter by mail. Some re lamation yest deshicomobik	
CTRC	Centric	<i>(200)</i> 371	腦 MGM	MGM	<i>III</i> 38
CI	Crime & Investigation	AD 368	MPLEX	A MANUELLA DI STATE DE LA COMPANIONE DE	See State of
ESUSP	Encore Suspense	344	PLDIA	Palledia	ATD 38
EPIX1	EPIX PAP	<i>IIII</i> 380	PIXCV	FALL PARTIES	HD:
EPIX2	EPIX2 SAP	AND 381	RETRO	RetroPlex	LETTE 37
HMC	10. 1 10. 10. 10. 10. 10. 10. 10. 10. 10	<i>COT</i> 187		Sony Mover Channel	HD:
HOTHR	HO Theater	AM 364	SCINE	Starz Cinema	35
VMNO	HDNet Movies	III 383 **		Estimante distribution	SHARE NEW YEAR
NDIE	IndiePlex	<i>(200)</i> 378	UNIHD	Universal HD	360
.0G0		<i>GG</i> 973	WINE	World Fishing Network	
VTVAN	MayTV	361		Catalographic Control	DANGER WAS DESCRIBED AND ADDRESS OF THE PARTY OF THE PART
- 111	minets only available to HD,				William Frank
Pre	mium Movie Pac	ckages			particular control of the control of
HBG			(Cirte)		
80-E	HBO (E) SAP	∏ 300 -			
BO2E	HB02 (E) WAP	AD 801 W	MAX-E	Cinemax (E) SAP	III 310
BOSG	HBO Signature SAP	ATT 302	MAXIM		HD
BO-W	HBO (W) MAP	GD7 303 N	MOMAX	MoreMAX SAP	312
BO2W	HB02 (W) BAP	304	MACMAN	ACHOMMAX 447	HD!
BOFM	HBO Family SAP	GD 305	5-MAX	5StarMAX SAP	COD 314
BOCY	HBO Comedy SAP	ADD 307	一种种种		
BOZ		ATEC 308	SHOW		
BOLT	HBO Latino	ATT 309	SHO-E	Showtime (E) SAP	III 318
	True Contraction of the Contract	1600000000	SHO-W	Showtime (W) PAP	HD.
sta	74		SHOTO	Showtime 2 PAP	ATE 320
NCOR	Encore (E) SAP	Œ 340 V	SHOOS	Showtime Showbase ***	HD) Y
TARZ	Starz (E) SAP	350	SHOEK	Showtime Extreme SAP	322
TRZW	Sterz (W) SAP	ED 351	SBYND	Showtime Bayond ***	11/2/2012/19
EDGE	Starz Edge SAP	1300 352 J	TMC-E	The Movie Channel (E) SAP	III 327
CINE	Starz Cinema BAP	353	TMOXE	The Movie Channel stre (6)	
TZC	Starz Comedy	<i>III</i> 354	FLIX	FLIX	333
BLCK	Starz InBlack BAP	355	100		当时 为
K&FM	Starz Kids & Family SAP	III 356	AND SOLD	to any manaka kata kata kata kata kata kata kata	
DISH	I Cinema and Pay-Per-	View Sp	orts & E	vents'	
OVIE	DISH Cinema 1, 1	03, 500-558	SPORT	Sugar Davine	
		leed so	me hel	ip?	
WEO	CAN ANSWER YOUR	YO	U GANAL	Sjournijo Akjaviju (Ka) 45	
21 2 222	STIONS ONLINE:	A	A STATE OF THE PARTY OF THE PAR	r User's Guide	
(8)	dish.com/supportcenter		经经营制度 医多种	linoo. + Diahi+OMB 14	Cartaille myessi
matter 160	facebook.com/dishnetwor	ĸ 🦱	STATE OF THE PARTY	ng Sylapon Channer (加大學用語言語解放的思維的
Contraction of the contraction o		X	的移動的影響機	er Support 11800.3	
	twitter.com/dishnetwork	.9-1585000000000	THE PERSON NAMED IN		经公司 化自己 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基



Connect your receiver to broadband Internet or a phone line to get more out of your DISH service. For more info visit: dish.com/getconnected.



All programming subject to change without notice. Hequires additional fees to view, Elmited number of channels scalebie in HO.

¹ in Public Treatment programming medicality writin by activities orbital booston and programming package, Purchase of a second dish interest may be required. 2 in Ambible More cost in all 1000 Necessa constraints. MES World requires 0.1001 000 in 0.0004.

The property of the programming programming Activities for exempting purchase orbits and programming programm

Channels & Packages

America's Top 120 with 140

America's Top 120 includes channels listed below, REF indicates channels available in both standard and high definition, except where noted as HD only.

A&E	A&E III 118	10N ION (E). 2	16
ABCFM	ABC Family 180	HONWARD CONTROL MASSING AND ADDRESS OF THE PERSON OF THE P	etteri
ALIVE	America Live 219	JTV Jewelry Television 22	
ANGEL	Angel One 262	LIFE CHANNE A PLANT OF THE PARTY OF THE PART	
ANGL2	Angel Two 266	MALL Mail 22	
BTV	Business Television 9602	MTV MTV	
BUY	Buy! 221	MTV2 MTV2 16	
TOON	Cartagn Network (E) SAP 178	NICK ASSNICK NICK THICK (E) 3	
TOONW	Cartoen Network (W) 177	NICKW Nick/Nick at Hite (W) 17	
CCTVE	CCTV-E 8841	OVO THE POVOLUME ASSESSMENT THE SECOND STATES	
CCNEW	CCTV-News 265	REELZ ReelzChannel 29	
CHRCH	Church Channel 258	SALE TO DISTRICT TO SALE OF SALES	
CMT	CMT (200) 168	SHOP shop 22	
CNBC	CNBC 208 2	SHINEO TOSPONECT A DESCRIPTION OF THE PROPERTY	櫥
CNN	CNN (2727 200	SBN SonLife Broadcasting Network 25	
CMDY	Comedy Central (20) 107	SPIKE ASPIKETY SERVICE STATE	
CSPN2	C-SPAN2 211	SYFY Syfy (200 12	ALCOHOL:
DYSTR	Daystar 263 a	THE THE PARTY OF T	93
DISC	Discovery Channel III 182	TLC TLC DD 18	3
DISE	Disney Channel (E) 172	STRT OF THE PARTY SERVICE OF THE SER	欕
DISW	Disney Channel (W) 173	TRV Trevel Channel CDD 19	
DOC	Documentary Channel 197.	TVGAM TV Gernes Network	躐
El	El Entertainment Television (202) 114	TVGN TV Guide Network 11	
ESPN	ESPN GD 140	TYLNO TYLAND TO TAKE THE TOTAL	3
ESPN2	ESPN2 AND 144	USA USA EED 10:	
ESNWS	ESPNEWS 142	VH1 = 12 VH1 × JSZ 12 PLAN	
ESPNU	ESPNU 141	TWC Weather Channel III 21	
FOOD	Food Network IIII 110	Plus DishCD Music Channels 950-98	
FXNWS	FOX News Channel 200 205	Christian 975	
FX	FX SAP CED 136	Classical 970-973	
GEMS	Gerns & Jewelry TV 229	Country 951-952	
HDNET	HDNet -HD only GTD 362	Electronic & Dence 858, 866, 977	
HGTV-	HCTV (III) 112	Family & Klds 976	
HIST	History 120	Htp-Hop/R&6 983	
HLN	HLN (202 202	Jazz & Blues 962, 967, 968, 978	
HRTV	HorseRacing TV	Latin & International Pro/ 1 - 12/2 1981	
HSN	HSN 84	Pop 950, 955, 956, 965	
HSN2	HSN2 226	Rock 124 953, 954, 957, 959-9814985, 979, 980	
ICTV	In Country Television 230	Standards 964, 974	687
INSP	Inspiration Network 259		931

Local Networks channel range 2-70



OCBS



FOX

A CANADA IN SELECTION	Local chobreic enablishes	HO IN PART MONEYO, CA	o ina kayatran	ine lither
iblic Interest Cha	nnels ¹			

Diagram of the last	Control of the Control	interest Chamiles				
	ALMA	Alma Vision Hispanic Network	9413	KBS	KBS World ¹	9850
	BABYI	BabyFirstTV	64000	TOTAL STREET		
	BYUTV	BYUTV	9403	LINK	LinkTV	9410
	CTN	Christian TV Network	335 401	THE PERSON	的WASHINGTON TO THE TOTAL	100 miles
	ARTS	Classic Arts Showcase	9408	PNTGN	Pentagon Channel	9405
	CSPAN	C-SPAN MAN TO THE PROPERTY OF THE PARTY OF T	NAME OF TAXABLE PARTY.	THE REAL PROPERTY.		APPENDED (SECOND
	EWTN	Eternal Word Television Network SAP	281	IMPCT	The Impact Network	9397
-	FSTV	Free Speech TV	建筑建筑		THE PERSON OF THE KINDS	
	HHS	Health & Human Services	9402	UCTV	University of California TV	9412
1	HITN .	HITN THE SAME DESIGNATION OF THE SAME STATES	建筑和加州	STATE OF THE PARTY	THE TANK THE PARTY OF THE PARTY	400



America's Top 200 variate fills)

America's Top 200 includes all of America's Top 120 plus the channels lested below, 279 indicates channels available in both standard and high definition:

AMC	AMC	IID)	130
APL'	Animal Planet	110	
BBCA	BBC America	<u>an</u>	135
BET	BET		20
BIG10	Big Ten Network ²	m	439
BRAVO	Brave (1)	HDI	and the
CBSSN	CBS Sports Network	<u>ano</u>	
CURNT :	Current TV	TO SHE WAS A SHORE	
DISXD	Disney XD SAP		174
G4	64	100	11000
GLVSN	Galavisión	m	CONTRACTOR
GOLF	Golf Channel	CIA SUTTO	
GSN	GSN	ПО	
HLMRK :	Hallmark Channel Control	A STATE OF THE PARTY OF THE PAR	
IFC	IFC	SECURITION AND ADDRESS OF	131
10	Investigation Discovery	CASEANOVATEVA	
LMIN	Lifetime Movie Network	00	100
MLBN	MLB Network	1000007777	103
MSNBC	msnbc	<u>an</u>	-
NTGEO	National Geographic Channel		
NBATV	NBA TV	CTD	156
NFL 3	NFL Network		
NHLN	NHL Network	(10)	157
NKJR	The Section of the Se	a Three district Name and A	ENDINGS
NUVO	Nick Ur.	STEED MILE	159
OVATN	nuvoTV Ovation	THE REAL PROPERTY.	109 109 109
OWN			Contract Contract
	OWN: Oprah Winfrey Network		189
OXYGN RFDTV	Oxygen	CTO)	副2 征
0.0000000000000000000000000000000000000	RFD-TV SOAPnet		231
SOAP		270	#253 F
SPEED	SPEED Style		150
STYLE		克里斯斯斯	
TNCK	TeenNick		181
FTRAE		III I	272
TRU	TeleFutura (W) ⁴ truTV		
TCM			132
UNVSN	Turner Classic Movies		
UNVSW	To the british tree Constitution in constitution and	MONTH AND A COLUMN	828
WE	Univision (W) WE tv	PERSONAL PROPERTY.	1020
WGN	WGN America	and.	
41.000	XM Music Channels	6002-	
Christian	MAIN MAINTE PARAMETS		6064
Classical			ABUTBE
Country	* C. Y. VANCOS ASSESSMENT AND ASSESSMENT ASSESSMENT AND ASSESSMENT ASSESSMENT AND ASSESSMENT ASSESSMEN	6056, 6058	Maintacharmen
	Dance		10.20
Hip Hop/R&E	A CONTRACTOR OF STREET OF STREET AND ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION AND ASSOCIATION ASSOC		-6049
	Standards Standards	A COMPANIES OF THE PERSON NAMED IN	
Latin & Work	1		6090
Pop		tive appropri	4012
Rock ·		6019	-6042
	Attention:	OLED ON	
For the	most up to date shand	PPhi mas	101
	A THE RESIDENCE OF THE PROPERTY OF THE PROPERT	THE RESERVE OF THE PERSON NAMED IN	THE PARTY

America's Top 250 with silieur

America's Top 250 includes all of America's Top 200 plus the channels lated below. Adultional antenna required. (3/9) indicates: characts available in both standard and high definition, except where noted as HD-only.

810	Blo	<i>DTD</i> 119
BITV	Bloomberg Television	2227 203
BOOM	Boomerang SAP	175
CHILR	Chiller	199
CLOO	cloo	198
CNBCW	CNBC World	207
COOK	Cooking Channel	ATT 113
DIY	DIY	220 (M111)
ENCOR	Encore (E) -HD enly	<i>DTD</i> 340
ENCRW	Encore (W) SAP	3415
EACTN	Encore Action	343
EDRAM	Encore Drama	345
ENFAM:	Encore Family	347
ELOVE	Encore Lave	348
ENSUSP	Encore Suspense	344
EWSTN	Encore Westerns	342
FOXB	Fox Business Network	206
FOXIVO	Fox Movie Channel	1337
FSC .	Fox Soccer Channel	406
FUEL	FUEL TV	398
GMC	gmc	188
GAC	Great American Country (GAC)	7/167
H2	H2	III 121
HMC	Hallmark Movie Channel	<i>III</i> 187
HUB	Hub	<i>CEE</i> 179
MIL	Military Channel	195
MPLEX	MoviePlex	377
MUN2	mun2	838
NATGYV	Nat Geo WILD	<i>[279</i>] 190
NICKT	Nicktoons Network	178
OTDCH	Outdoor Channel	396
GREEN	Planet Green	<i>ato</i> 1941
SCI	Science	<i>GEO</i> 193
SPMAN	approximation and a second	(ZID) 395
TENIS	Tennis Channel	III 400
TMC-Y/	The Movie Channel (W) SAP	229
TMCXYV	The Movie Channel xtra (W) 54	the state of the s
EPIXS	The Three from EPIX MAP	292
VERIA	Verla	<i>[270</i>] 218
VS.	Versus	(III) 151
VHICL	VH1 Classic	163
	Music Channels	923-946
Count-y	71 (fa.5)	937
Electronic 8	The second secon	925, 928, 845
Hlp-Hop/Re	(B	939
Jazz & Blue	1 100	927
Latin & Inte	rnational	944
Pop -		923,926,929,931
Rock .	924	, 930, 933-936, 946

EXHIBIT 3

טוני טטוני	OJ I	EUL 192 110
Cinemax HD*	852	ESPNews HD® or #
Showtime HD'	853	ESPNU HD • OF #
TMC HD*	854	CBS Sports Network HD* or #
Starz! HD*	OFF	
PPV HD°	855	Big Ten Network HD°
PPV NBA Games HD°	857	Speed HD*
PPV NHL/MLB	858	NHL Network HD • Or #
Games HD° TBN HD°	859	MLB Network HD • Or fr
	860	NFL Network HD • or #
EWTN HD°	861	NFL RedZone HD®
HSN HD°	862	Tennis Channel HD*
WKBN-23 HD	863	NBA TV HD or "
(CBS Youngstown) WYTV-33 HD	864	Outdoor Channel
(ABC Youngstown)		HD* or #
QVC HD°	865	TV One HD ^{ff}
WFMJ-21 HD	866	BET HD°
(NBC Youngstown)	867	G4 HD°
WYFX-17 HD	868	Animal Planet HD°
(FOX Youngstown)	869	Discovery Channel HD°
WNEO-45 HD	870	Velocity°
(PBS Youngstown)	871	National Geographic HD**
The Weather	872	Science Channel HD**
Channel HD°	873	Planet Green HD [™]
Headline News HD°	874	bio. HD°
CNN HD°	875	History HD°
MSNBC HD°	876	H2 HD°
CNBC HD°	877	Disney XD HD**
Fox News Channel HD°	878	Cartoon Network HD°
Fox Business HD [#]	879	Nickelodeon HD°
Universal HD°	880	Disney Channel HD°
USA HD°	881	ABC Family HD°
FX HD°	882	Palladia°
TNT HO°	883	CMT HD**
TBS HO°	884	MTV HD°
Spike HD°	885	Fuse HD**
Comedy Central HD°	886	VH1 HD°
Syfy HD°	887	GMC HD [#]
Hallmark HD°	889	AMC HD°
A&E HD°	890	TCM HD°
Bravo HD°	891	Encore HD**
E! HD°	892	MGM HD**
style. HD°	893	IFC HD#
Lifetime HD°	894	Hallmark Movie
WE tv HD**		Channel HD°
TLC HD°	895	LMN HD°
HGTV HD°	899	Investigation
Food Network HD°		Discovery HD°
Travel Channel HD°	900	Crime & Investigation
truTV HD°		Network HD*
Root Sports HD°	915	Smithsonian
NBC Sports	- 74	Channel HD#
Network HD°	917	Sportsman Channel HD**
Golf Channel HD°	946	Operation Sharlet HD

946

ORD

Ovation HD#

ECDNI 200

Golf Channel HD°

ESPN HDO

Italic = Limited Basic Service
 Included on Digital Preferred.

converter or CableCard.

** Digital Equipment required.

Requires subscription to Digital Starter. Requires subscription to Digital Preferred.

* Digital Converter or CableCard required.

Requires subscription to corresponding premium channel.
 Viewing of these channels requires a high-definition television

Requires subscription to Sports Entertainment Pack.

set and may also require a Comcast high-definition digital



Effective April 1, 2012

East Palestine/ New Middletown Channel Lineup



......

Customer Service is available 24 hours a day, 7 days a week.

1-800-XFINITY xfinity.com

(comcast.

CHANNEL Line-Up

	TED BASIC	32	CNN	149	MoviePtex	106	Fox Business	160	Encore Westerns	336	Showtime Family	271	Speed	65	Cartoon Network	626	La Tele I
;ER\	/ICE	33	Headline News	162	G4	107	Current	161	Reelz	337	Showtime Next	273	NBA TV	67	Animal Planet	627	Ultisima
	KDKA-2	34	Fox News Channel	171	Hallmark Movie	109	National Geographic	163	Logo	340	Showtime	274	CBS Sports Network	185	truTV	630	MTV Tr3
	(CBS Pittsburgh)	35	Fox Sports Net Ohio		Channel	110	The Science Channel	164	IFC	341	Showtime 2	275	NFL Network	186	C-SPAN 2	631	mun2
	WYTV-DTMY (MY YTV)	36	TNT	175	Bravo	112	Military Channel	165	Sundance Channel	342	Showtime Showcase	276	NHL Network	187	Hallmark Channel	632	mun2 (#
	WYTV-33	37	TLC	177	Охуден	113	Planet Green	167	IndiePlex	347	Showtime Extreme	277	Tennis Channel			633	Telehit
	(ABC Youngstown)	38	ABC Family	178	Bloomberg Television	117	WE tv	168	RetroPlex	350	The Movie Channel	278	NFL RedZone	MUL	TILATINO**	634 635	Telehit (RitmoSc
٠	WFMJ-21	39	Food Network	179	GSN	118	National	170	Flix	352	TMC Xtra	749	NBA TV	561	Univision	536	Brandar
	(NBC Youngstown)	40	Disney Channel	183	MSNBC		Geographic Wild	173	TV One	370	Starz			563	Telefutura	637	Videorol
(0)	WYFX-17 (FOX Youngstown)	41	A&E	185	Vlut	120	SOAPNet	176	Nuvo TV	371	Starz Edge	FAM	ILY TIER*	565	Telemundo	639	HTV Mu
,	TV=	42	Lifetime	186	C-SPAN 2	121	DIY	180	NFL Network	372	Starz InBlack	26	Nickelodeon	566	Galavision (ALT)	641	De Pelic
0	WKBN-27			187	Hallmark Channel	122	Cooking Channel			373	Starz Kids & Family	33	Headline News	567	Galavision	642	De Pelic
U	(CBS Youngstown)	43	Spike	188	TCN	123	Smithsonian Channel	181	MLB Network	374	Starz Cinema	39	Food Network	570	CNN en Español	643	De Pelic
1	WPX1-11	47	AMC	280	ShopNBC	124	tON Television	189	GMC	375	Starz Comedy	40	Disney Channel	571	SUR	644	De Pelic
0.00	(NBC Pittsburgh)	50	FX	290	TBN	125	qubo	266	ESPNU	544	Playboy	51	HGTV	575	Discovery en Español	CAE	Clasico
2	WPGH-53 (FOX Pitisburgh)	51	HGTV	294	The Word Network	129	Nicktoons	270	Outdoor Channel	655	RTN-Russian	109	National Geographic	577	History en Español	645 646	Cine Me
3	Educational Channel	52	PCNC	297	Daystar	130	Hub	273	NBA TV	665	TV Asia-South Asian	110	The Science Channel	578	Infinito	647	Cine La
6	The Weather Channel	53	History			131	Nick Jr.	274	CBS Sports Network	666	Zee TV-Hindi	121	DIA	579	HITN	648	Cine La
8	WBCB-14	54	Comedy Central	DIGI	TAL MUSIC *	132	Nick2	275	NFL Network	667	Neo Cricket	128	PBS Kids Sprout	584	Fox Sports Español	649	Viendo i
	(CW Youngstown)	55	TBS	Char	nnels 401-446			276	NHL Network	679	RAI-Italian	130	Hub	585	ESPN Deportes	650	Viendo :
9	WNE0-45	56	CNBC			133	TeenNick	289	RLTV			133	TeenNick	586	Gol TV	651	Gran Cir
0.7223	(PBS Youngstown)	57	TV Land	DICI	TAL DAY BED INCH.	134	Encore Family	292	Halogen	SPO	RTS	135	Disney XD	592	Sorpresa		
10	QVC	58	Travel Channel	9(6)	TAL PAY-PER-VIEW★	135	Disney XD	561	Univision		ERTAINMENT	290	TBN	593	Discovery Familia	WIL	TILATIN
'2	C-SPAN	59	VH1	500	PPV Previews	136	IDN Life	563	Telefutura	PAC	K ∗			597	EWTN en Español	24	MTV
19	ShopNBC	60	E!	501	PPV Events	139	MTV Hits	565	Telemundo	102	ESPNews	DIG	TAL ECONOMY	598 599	La Familia TBN Enlace	26	Nickelo
18	HSN	61	Discovery Channel	502	PPV Events Replay	140	MTV 2	566	Galavision (ALT)	159	Crime & Investigation	VIDI	E0*	601	Mexicanal	27	ESPN
82	TV Guide Network**	64	TCM	503	PPV Movies	141	MTV Tr3s	567	Gałavision		Network	20	000	602	Canal 52MX	28	ESPN2
84	EWTN**	65	Cartoon Network	506	Penthouse	142	MTV Jams	749	NBA TV	169	Military History Channel	23	BET	604	Teleformula	29	Root Sp
90	Leased Access**	66	style.	544	Playboy	143	VH1 Classic			172	Fox Movie Channel	25	USA	605	Multimedios TV	30	NBC Spc
Mai		67	Animal Planet	545	Juicy	144	VH1 Soul	DIGI	TAL PREMIUM★	174	Centric	32	CNN	606	CBTV Micheacan	31	Golf Chr
31GI	TAL STARTER**,*	70	Big Ten Network	546	REAL	145	CMT Pure Country	301	HBO	180	NFL Network	34	Fox News Channel	607	Once TV	36	TNT
01	ON DEMAND	75	JTV	548	TEN	146	CMT	302	HB02			39	Food Network	608	Canal 22 (Mexico 22)	37	TLC
3	BET	105	C-SPAN 3	701	-706 Sports PPV	147	GAC	303			MLB Network	40	Disney Channel	611	WAPA America	55	TBS
:4	MTV			751	-760 NBA Games	148	Fuse		HBO Signature	260	TVG Network	41	A&E	612	TV Dominicana	59	VH1
:5	USA	111	Investigation Discovery	771	-784 NHL/MLB Games		Encore	304	HBO Family		FCS Atlantic	42	Lifetime	615	Caracol TV		LMN
:6	Nickelodeon	114	88C America			152		305	HBO Comedy	263	FCS Central	43	Spike	616	TV Colombia		Syfy DDC 1/16
.7	ESPN			nic	ITAL PREFERRED *		Sportsman Channel	310	HBO Zone			47	AMC	617	TV Venezuela		PBS Kic Bravo
								320	Cinemax	265	ESPN Classic	53	History	618	TVE	113	DIGYU
.18	ESPN 2	116	ΠZ	101	Weatherscan Local	154	Encore Suspense	321	MoreMAX	266	ESPNU	54	Comedy Central	ควก	Talofa	l ine.	un continu

EXHIBIT 4



Jan 12,2012

Davis Wright Tremaine LLP 1919 Pennsylvania Avenue, N.W. Suite 800 Washington, DC 20006

To Whom It May Concern:

Media Business Corporation ("MediaBiz") utilizes a multi-step process to accurately identify cable client franchise areas and associated ZIP and ZIP+4 Codes. (A ZIP+4 Code includes the five digits of the United States Postal Service ZIP Code, a hyphen, and four more digits that determine a more precise location than the ZIP Code.)

MediaBlz developed this methodology to address the potential shortcomings in utilizing 5-digit ZIP Code data for "Effective Competition" petitions. This basic methodology has been in place for several years and has been used successfully in many Effective Competition cases at the FCC.

Because ZIP Codes and municipal boundaries are created and managed by different government authorities, the boundaries of ZIP Codes and municipal boundaries often overlap. ZIP Codes frequently span between and beyond municipal boundaries. ZIP+4 Codes, however, usually reside in one and only one municipality. MediaBiz uses Place, Minor Civil Division (MCD), and County boundaries from Dynamap®, a division of Pitney Bowes Business Insight, to determine municipal boundaries. MediaBiz uses the Dynamap® ZiP+4 Centroids database, which contains ZIP+4 centroid correspondence for virtually all deliverable ZIP+4s, to Identify ZIP+4 Codes within municipal boundaries, among the over 60 million ZIP+4s in all 50 states, DC, and Puerto Rico, based on current data from the USPS and the U.S. Bureau of the Census, and the Tele Atlas master street database.

MediaBiz then utilizes its ZIP+4 Code mapping to enable our clients to obtain proper "Direct-to-Home" (DTH) subscriber counts for their respective franchise areas by tracking DTH subscribers at the ZIP+4 Code level. (Where MediaBiz determines that a ZIP Code falls entirely within a franchise area, however, it is unnecessary to identify DTH subscribers at the ZIP+4 Code level for that 5-digit ZIP Code. In these instances, MediaBiz identifies such 5-digit ZIP Codes and, accordingly, DTH subscribers are identified by the 5-digit ZIP Code only.

Only ZIP+4 Codes that meet specific criteria are included in this report. The following criteria must be met:

- The centroid of the ZIP+4 Code is within the franchise area; and
- The USPS ZIP+4 Record Type (from Dynamap® ZIP+4 Centroids) Is either H high-rise or S street

Our methodology has been used by many multiple system operators (MSOs) as part of their Effective Competition relief efforts, and we believe this methodology produces the most accurate and detailed view of ZIP+4 data as it relates to cable franchise areas.

MediaBiz

EXHIBIT 5

EXHIBIT 5

SBCA ECTR Summary Pages

ZIP+4 Data provided on CD included with the exhibit.

A hard copy of the ZIP+4 data is available upon request.



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes DTH Count

Requested total for Columbiana village, OH 630

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for East Liverpool city, OH	758
---	-----

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for East Palestine city, OH

Data is current through 8/31/2011

Report Prepared by:
Martin Esteves
Manager, Membership and Data Management
202-349-3630
mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Leetonia village, OH	286
--	-----

Data is current through 8/31/2011

Report Prepared by:
Martin Esteves
Manager, Membership and Data Management
202-349-3630
mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Liverpool township, OH	321
--	-----

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Madison township, OH 715

Data is current through 8/31/2011

Report Prepared by:
Martin Esteves
Manager, Membership and Data Management
202-349-3630
mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Middleton township, OH	712

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes DTH Count

Requested total for New Waterford village, OH	126
---	-----

Data is current through 8/31/2011

Report Prepared by:
Martin Esteves
Manager, Membership and Data Management
202-349-3630
mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Springfield township, OH

789

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for St. Clair township, OH	792
--	-----

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org

ECTR - Effective Competition Tracking Report



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Wellsville village, OH	308
--	-----

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

ECTR - Effective Competition Tracking Report



Provided by Satellite Broadcasting and Communications Association

Pursuant to Section 76.907(c) of the FCC Rules, and your effective competition tracking request dated September 22, 2011 please find the following Direct-to-Home (DTH) satellite subscriber numbers per zip code (and/or zip+4 where necessary). The provision and use of this Effective Competition Tracking Report is governed by and subject to the terms and conditions of the Agreement for Provision and Use of Confidential Data, between your company and SBCA.

Report Date: December 2, 2011

ZIP Codes

DTH Count

Requested total for Yellow Creek township, OH

380

Data is current through 8/31/2011

Report Prepared by: Martin Esteves Manager, Membership and Data Management 202-349-3630 mesteves@sbca.org

Methodology: Direct-To-Home (DTH) subscriber data reflects aggregated DIRECTV and DISH Network residential subscriber totals. The following data collection procedures are applied by Members in the normal course of business: a) single accounts with multiple receivers are only counted once; b) commercial and test accounts are not included; c) each occupied unit served in a multiple dwelling unit building has been counted as a separate residential subscriber; d) zip codes are taken from service locations (not billing addresses, where different); e) inactive accounts are routinely removed; f) invalid (undeliverable) addresses have been corrected where known; g) courtesy or complimentary accounts are included; and h) zip code information for Members' subscribers is periodically updated to reflect changes to zip codes by the United States Postal Service.

EXHIBIT 6

U.S. Census Bureau

FactFinder Q

GCT-PL2

Population and Housing Occupancy Status: 2010 - State -- Place and (in selected states) County Subdivision

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/pl94-171.pdf
NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Geography: Ohio

Geographic area	Total population	Housing units		
		Total	Occupied	Vacant
Ohio	11,536,504	5,127,508	4,603,435	524,07
PLACE				
Aberdeen village, Ohio	1,638	882	760	12
Ada village, Ohio	5,952	1,910	1,729	18
Adamsville village, Ohio	114	54	45	
Addyston village, Ohio	938	448	372	7
Adelphi village, Ohio	380	175	154	2
Adena village, Ohio	759	359	319	4
Harrison County (part)	123	65	55	1
Jefferson County (part)	636	294	264	3
Akron city, Ohio	199,110	96,288	83,712	12,57
Albany village, Ohio	828	400	347	5
Alexandria village, Ohio	517	203	182	2
Alger village, Ohio	860	413	347	6
Alliance city, Ohio	22,322	10,022	8,631	1,39
Mahoning County (part)	40	28	21	-
Stark County (part)	22,282	9,994	8,610	1,38
Alvordton CDP, Ohio	217	108	88	2
Amanda village, Ohio	737	295	270	2
Amberley village, Ohio	3,585	1,466	1,385	8
Amelia village, Ohio	4,801	1,974	1,830	14
Amesville village, Ohio	154	70	63	
Amherst city, Ohio	12,021	5,031	4,772	25
Amsterdam village, Ohio	511	235	204	3
Andersonville CDP, Ohio	779	318	301	1
Andover village, Ohio	1,145	469	411	5
Anna village, Ohio	1,567	589	551	3
Ansonia village, Ohio	1,174	500	448	5
Antioch village, Ohio	86	44	33	1
Antwerp village, Ohio	1,736	838	752	8
Apple Creek village, Ohio	1,173	485	449	3
Apple Valley CDP, Ohio	5,058	2,576	1,944	63
Aquilla village, Ohio	340	150	128	2
Arcadia village, Ohio	590	239	217	2
Arcanum village, Ohio	2,129	980	888	9
Archbold village, Ohio	4,346	1,876	1,760	11
Arlington village, Ohio	1,455	602	556	4
Arlington Heights village, Ohio	745	382	329	5
Ashland city, Ohio	20,362	8,914	8,063	85
Ashley village, Ohio	1,330	542	503	3
Ashtabula city, Ohio	19,124	9,087	7,746	1,34

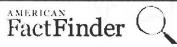
Geographic area	Total population		Housing units		
		Total	Occupied	Vacant	
Chardon city, Ohio	5,148	2,457	2,285	17	
Chatfield village, Ohio	189	87	75	_ 1	
Chauncey village, Ohio	1,049	477	423	5	
Cherry Fork village, Ohio	155	75	64	1	
Cherry Grove CDP, Ohio	4,378	1,549	1,512	3	
Chesapeake village, Ohio	745	399	345	5	
Cheshire village, Ohio	132	76	67		
Chesterhill village, Ohio	289	143	121	2	
Chesterland CDP, Ohio	2,521	1,052	990	6	
Chesterville village, Ohio	228	83	79		
Cheviot city, Ohio	8,375	4,303	3,779	52	
Chickasaw village, Ohio	290	131	122		
Chillicothe city, Ohio	21,901	10,600	9,420	1,18	
Chilo village, Ohio	63	56	28	2	
Chippewa Lake village, Ohio	711	404	311	9	
Chippewa Park CDP, Ohlo	891	883	440	44	
Choctaw Lake CDP, Ohio	1,546	667	587	8	
Christiansburg village, Ohio	526	252	217	3	
Churchill CDP, Ohio	2,149	989	907	8	
Cincinnati city, Ohio	296,943	161,095	133,420	27,67	
Cinnamon Lake CDP, Ohio	1,243	555	471	8	
Circleville city, Ohio	13,314	6,024	5,402	62	
Clarington village, Ohio	384	186	165	2	
Clarksburg village, Ohio	455	184	166	1	
Clarksville village, Ohio	548	238	204	3	
Clarktown CDP, Ohio	958	422	394	2	
Clay Center village, Ohio	276	114	103	1	
Clayton city, Ohio	13,209	5,423	5,118	30	
Cleveland city, Ohio	396,815	207,536	167,490	40,04	
Cleveland Heights city, Ohio	46,121	22,465	19,957	2,50	
Cleves village, Ohio	3,234	1,190	1,079	11	
Clifton village, Ohio	152	80	64		
Clark County (part)	48	22	18		
Greene County (part)	104	58	46	1	
Clinton village, Ohio	1,214	535	471	6	
Cloverdale village, Ohio	168	77	69		
Clyde city, Ohio		2,707	2,484	22	
Coal Grove village, Ohio	6,325				
Coalton village, Ohio	2,165	891	833		
Collotream CDP, Ohio	479	241	205	- 3	
	1,173	455	424	3	
Coldwater village, Ohio	4,427	1,817	1,726		
College Corner village, Ohio	407	209	172	3	
Butler County (part)	191	104	83	2	
Preble County (part)	216	105	89	1	
Collins CDP, Ohio	631	253	231	2	
Columbiana city, Ohio	6,384	3,181	2,881	30	
Columbiana County (part)	5,718	2,853	2,582	27	
Mahoning County (part)	666	328	299	2	
Columbus city, Ohio	787,033	370,965	331,602	39,36	
Delaware County (part)	7,245	3,472	3,214	25	
Fairfield County (part)	9,666	3,737	3,517	22	
Franklin County (part)	770,122	363,756	324,871	38,88	
Columbus Grove village, Ohio	2,137	916	858		
Commercial Point village, Ohlo	1,582	547	507	4	
Concorde Hills CDP, Ohio	663	285	265	2	
Conesville village, Ohio	347	146	134	1	
Congress village, Ohio	185	72	65		
Conneaut city, Ohio	12,841	5,702	4,740	96	
Continental village, Ohio	1,153	544	486	5	

Geographic area	Total population	Housing units			
		Total	Occupied	Vacant	
Dola CDP, Ohio	140	64	57	7	
Donnelsville village, Ohio	304	133	114	19	
Dover city, Ohlo	12,826	5,578	5,181	397	
Doylestown village, Ohio	3,051	1,292	1,206	86	
Dresden village, Ohio	1,529	705	651	54	
Drexel CDP, Ohio	2,076	922	766	156	
Dry Ridge CDP, Ohio	2,782	1,270	1,206	64	
Dry Run CDP, Ohlo	7,281	2,406	2,328	78	
Dublin city, Ohio	41,751	15,779	14,984	795	
Delaware County (part)	4,018	1,511	1,437	74	
Franklin County (part)	35,367	13,540	12,873	667	
Union County (part)	2,366	728	674	54	
Duncan Falls CDP, Ohio	880	385	353	32	
Dundee CDP, Ohio	297	120	116	4	
Dunkirk village, Ohio					
Dunlap CDP, Ohio	875	386	332	54	
	1,719	682	656	26	
Dupont village, Ohio	318	141	134	7	
East Canton village, Ohio	1,591	705	662	43	
East Cleveland city, Ohio	17,843	12,523	8,286	4,237	
East Fultonham CDP, Ohio	335	144	121	23	
Eastlake city, Ohio	18,577	8,280	7,841	439	
East Liberty CDP, Ohio	366	157	142	15	
East Liverpool city, Ohio	11,195	5,316	4,601	715	
East Palestine city, Ohio	4,721	2,125	1,898	227	
East Rochester CDP, Ohio	231	95	83	12	
East Sparta village, Ohio	819	349	328	21	
Eaton city, Ohio	8,407	3,903	3,486	417	
Eaton Estates CDP, Ohio	1,222	466	435	31	
Edgerton village, Ohio	2,012	865	791	74	
Edgewood CDP, Ohio	4,432	2,108	1,924	184	
Edison village, Ohio	437	192	166	26	
Edon village, Ohio	834	369	339	30	
Eldorado village, Ohio	509	223	196	27	
Elgin village, Ohio	57	22	22	0	
Elida village, Ohio	1,905	741	708	33	
Elizabethtown CDP, Ohio	350	144	128	16	
Elmore village, Ohio	1,410	592	558	34	
Ottawa County (part)	1,410	592	558	34	
Sandusky County (part)	0	0	0	0	
Elmwood Place village, Ohio			872	227	
Elyria city, Ohlo	2,188	1,099			
10 - 100 MODELLO CONTROL DE CONTROLOGISTI	54,533	25,085	22,400	2,685	
Empire village, Ohio	299	139	119	20	
Englewood city, Ohio	13,465	5,898	5,555	343	
Enon village, Ohio	2,415	1,120	1,069	51	
Etna CDP, Ohio	1,215	429	411	18	
Euclid city, Ohio	48,920	26,037	22,685	3,352	
Evendale village, Ohio	2,767	1,098	1,063	35	
Fairborn city, Ohio	32,352	15,893	14,306	1,587	
Fairfax village, Ohio	1,699	778	709	69	
Fairfield city, Ohio	42,510	18,803	17,415	1,388	
Butler County (part)	42,510	18,803	17,415	1,388	
Hamilton County (part)	0	0	0	0	
Fairfield Beach CDP, Ohio	1,292	664	513	151	
Fairlawn city, Ohio	7,437	3,455	3,219	236	
Fairport Harbor village, Ohio	3,109	1,677	1,427	250	
Fairview village, Ohio	83	50	32	18	
Belmont County (part)	0	0	0	0	
Guernsey County (part)	83	50	32	18	
Fairview Park city, Ohio	16,826	8,109	7,564	545	

Geographic area	Total population	Housing units			
		Total	Occupied	Vacant	
Landen CDP, Ohio	6,782	2,779	2,680	99	
Lansing CDP, Ohio	634	316	271	45	
La Rue village, Ohio	747	327	291	36	
Latty village, Ohio	193	80	70	10	
Laura village, Ohio	474	185	174	11	
Laurelville village, Ohio	527	282	252	30	
Leavittsburg CDP, Ohio	1,973	807	733	74	
Lebanon city, Ohio	20,033	7,920	7,436	484	
Leesburg village, Ohio	1,314	579	513	66	
Leesville village, Ohio	158	78	66	12	
Leetonia village, Ohio	1,959	838	748	90	
Leipsic village, Ohio	2,093	905	801	104	
Lewisburg village, Ohio	1,820	781	710	71	
Lewistown CDP, Ohio	222	82	75	7	
Lewisville village, Ohio	176	97	76	21	
Lexington village, Ohio	4,822	2,092	1,970	122	
Liberty Center village, Ohio		485	446	38	
Lima city, Ohio	1,180				
Limaville village, Ohio	38,771	16,784	14,221	2,563	
Lincoln Heights village, Ohio	151	65	60	977	
Lincoln Village CDP, Ohio	3,286	1,564	1,287	277	
	9,032	4,188	3,734	454	
Lindsey village, Ohio	446	209	187	22	
Linndale village, Ohio	179	75	66	9	
Lisbon village, Ohio	2,821	1,287	1,138	149	
Lithopolis village, Ohio	1,106	502	443	59	
Fairfield County (part)	1,074	489	431	58	
Franklin County (part)	32	13	12	1	
Little Hocking CDP, Ohio	263	127	112	15	
Lockbourne village, Ohio	237	108	95	13	
Franklin County (part)	237	108	95	13	
Pickaway County (part)	0	0	0	C	
Lockington village, Ohio	141	64	56	8	
Lockland village, Ohio	3,449	1,738	1,462	276	
Lodi village, Ohio	2,746	1,370	1,178	192	
Logan city, Ohio	7,152	3,374	2,982	392	
Logan Elm Village CDP, Ohlo	1,118	440	425	15	
London city, Ohio	9,904	4,410	3,991	419	
Lorain city, Ohio	64,097	29,144	25,529	3,618	
Lordstown village, Ohio	3,417	1,496	1,391	105	
Lore City village, Ohio	325	139	118	21	
Loudonville village, Ohio	2,641	1,174	1,071	103	
Ashland County (part)	2,587	1,149	1,046	103	
Holmes County (part)	54	25	25	(
Louisville city, Ohio	9,186	3,995	3,727	268	
Loveland city, Ohjo	12,081	4,961	4,701	260	
Clermont County (part)	1,941	815	739	76	
Hamilton County (part)	9,348			171	
Warren County (part)		3,877	3,706		
Loveland Park CDP, Ohio	792	269	256	13	
	1,523	624	587	37	
Hamilton County (part)	496	163	163	(
Warren County (part)	1,027	461	424	37	
Lowell village, Ohio	549	289	248	4	
Lowellyille village, Ohio	1,155	536	472	64	
Lower Salem village, Ohio	86	39	31		
Lucas village, Ohio	615	269	237	32	
Lucasville CDP, Ohio	2,757	581	529	52	
Luckey village, Ohio	1,012	405	383	22	
Ludlow Falls village, Ohio	208	86	81	5	
Lynchburg village, Ohio	1,499	654	575	79	

Geographic area	Total population	al population Hou		ousing units	
		Total	Occupied	Vacant	
New Knoxville village, Ohio	879	382	355	27	
New Lebanon village, Ohio	3,995	1,659	1,527	132	
New Lexington village, Ohio	4,731	2,000	1,838	162	
New London village, Ohio	2,461	1,103	960	143	
New Madison village, Ohio	892	381	352	29	
New Marshfield CDP, Ohio	326	165	144	21	
New Miami village, Ohio	2,249	877	792	85	
New Middletown village, Ohio	1,621	741	707	34	
New Paris village, Ohio	1,629	788	715	73	
New Philadelphia city, Ohio	17,288	7,909	7,282	627	
New Pittsburg CDP, Ohio	388	121	115	6	
Newport CDP (Shelby County), Ohio	198	89	85	4	
Newport CDP (Washington County), Ohio	1,003	429	399	30	
New Richmond village, Ohio	2,582	1,133	980	153	
New Riegel village, Ohio	249	116	110	6	
New Straitsville village, Ohio	722	363	293	70	
Newton Falls city, Ohlo	4,795	2,395	2,064	331	
Newtonsville village, Ohio	392	144	132	12	
Newtown village, Ohio	2,672	1,227	1,123	104	
New Vienna village, Ohio	1,224	557	478	79	
New Washington village, Ohlo	967	425	400	25	
New Waterford village, Ohio	1,238	558	513	45	
New Weston village, Ohio	136	57	45	12	
Ney village, Ohio	354	140	130	10	
Niles city, Ohlo					
North Baltimore village, Ohio	19,266	9,417	8,499	918	
North Band village, Ohio	3,432	1,468	1,317	151	
Northbrook CDP, Ohio	857	412	370	42	
The second of th	10,668	4,333	4,023	310	
North Canton city, Ohio	17,488	8,078	7,557	521	
North College Hill city, Ohio	9,397	4,267	3,848	419	
North Fairfield village, Ohio	560	202	182	20	
Northfield village, Ohio	3,677	1,644	1,545	99	
Northgate CDP, Ohio	7,377	2,836	2,691	145	
North Hampton village, Ohio	478	178	173	5	
North Kingsville village, Ohio	2,923	1,294	1,150	144	
North Lawrence CDP, Ohio	268	111	93	18	
North Lewisburg vIllage, Ohio	1,490	679	593	86	
North Madison CDP, Ohio	8,547	3,815	3,323	492	
North Olmsted city, Ohio	32,718	14,500	13,645	855	
North Perry village, Ohio	893	353	336	17	
North Randall village, Ohio	1,027	571	462	109	
Northridge CDP, Ohio	7,572	3,256	3,154	102	
North Ridgeville city, Ohio	29,465	12,109	11,500	609	
North Robinson village, Ohio	205	90	82	8	
North Royalton city, Ohio	30,444	13,710	12,944	766	
North Star village, Ohio	236	91	88	3	
Northwood city, Ohio	5,265	2,135	2,025	110	
North Zanesville CDP, Ohio	2,816	1,373	1,274	99	
Norton city, Ohio	12,085	4,951	4,711	240	
Summit County (part)	12,081	4,948	4,708	240	
Wayne County (part)	4	3	3	0	
Norwalk city, Ohio	17,012	7,446	6,764	682	
Norwich village, Ohio	102	56	49	7	
Norwood city, Ohio	19,207	9,515	8,320	1,195	
Oak Harbor village, Ohio	2,759	1,262	1,153	109	
Oak Hill village, Ohio	1,551	687	624	63	
Oakwood village (Cuyahoga County), Ohio	3,667	1,648	1,544	104	
Oakwood city, Ohio	9,202	3,772	3,543	229	

U.S. Census Bureau



GCT-PL2 Population and Housing Occupancy Status: 2010 - County -- County Subdivision and Place

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/pl94-171.pdf

NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

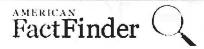
Geography: Mahoning County, Ohio 💌

		Total population	Housing units		
ı	Geographic area		Total	Occupied	Vacant
	Mahoning County	238,823	111,833	98,712	13,121
•	COUNTY SUBDIVISION AND PLACE				1000
	Austintown township	36,722	17,196	15,847	1,349
	Beaver township	6,711	2,761	2,561	200
	Berlin township	2,122	910	834	76
	Boardman township	40,889	19,594	18,094	1,500
	Campbell city	8,235	3,974	3,393	581
	Canfield township	16,164	6,963	6,458	505
	Coitsville township	1,392	681	600	81
	Ellsworth township	2,217	919	865	54
	Fairfield township	666	328	299	29
	Goshen township	3,243	1,386	1,293	93
	Green township	3,532	1,400	1,318	82
	Jackson township	2,114	916	831	85
	Lowellville village	1,155	536	472	64
	Milton township	3,759	2,030	1,578	452
	New Middletown village	1,621	741	707	34
	Perry township	4	1	1	0
	Poland township	14,960	6,254	5,944	310
	Sebring village	4,420	2,291	1,898	393
	Smith township	4,510	2,017	1,808	209
Ī	Springfield township	6,703	2,930	2,694	236
	Struthers city	10,713	4,886	4,382	504
	Youngstown city	66,971	33,119	26,835	6,284

Source: U.S. Census Bureau, 2010 Census.

2010 Census Redistricting Data (Public Law 94-171) Summary File, Tables P1 and H1

U.S. Census Bureau



GCT-PL2 Population and Housing Occupancy Status: 2010 - County -- County Subdivision and Place

2010 Census Redistricting Data (Public Law 94-171) Summary File

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see http://www.census.gov/prod/cen2010/pl94-171.pdf

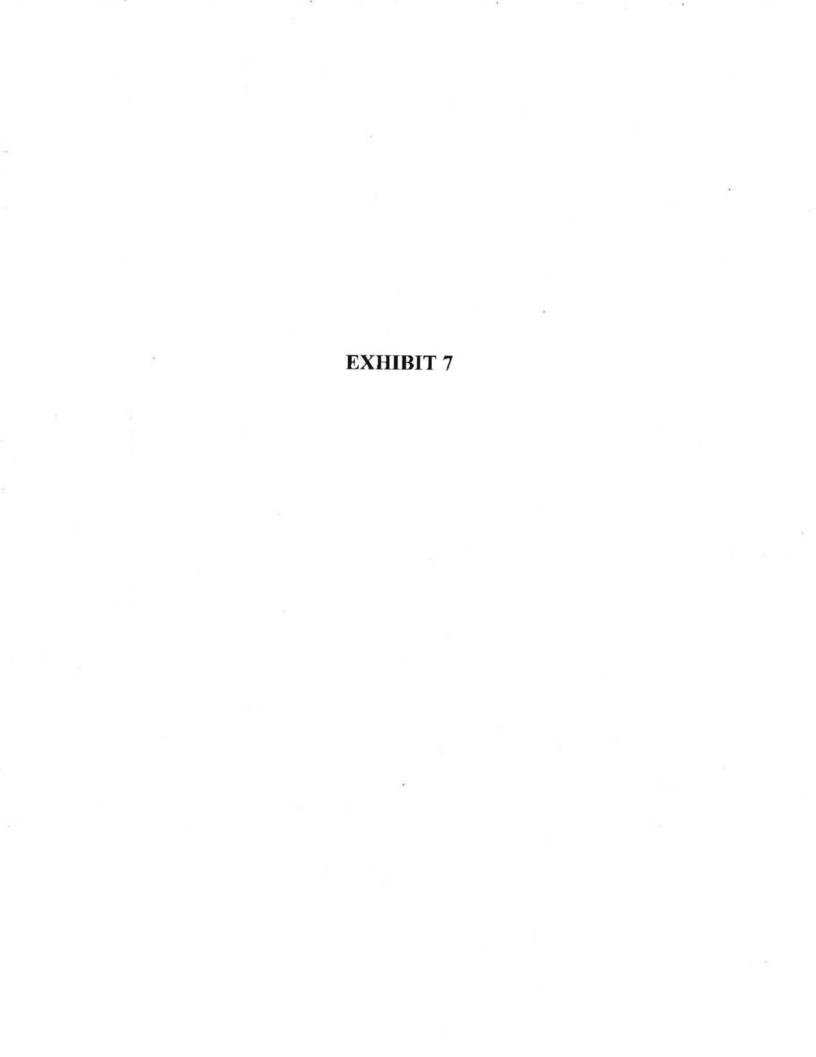
NOTE: Change to the California, Connecticut, Mississippi, New Hampshire, Virginia, and Washington P. L. 94-171 Summary Files as delivered.

Geography: Columbiana County, Ohio

8		Total population	н	lousing unit	ts
1	Geographic area		Total	Occupied	Vacant
21	Columbiana County	107,841	47,088	42,683	4,405
of 21	COUNTY SUBDIVISION AND PLACE				
16.00	Butler township	3,614	1,452	1,323	129
V	Center township	6,313	2,754	2,478	276
	East Liverpool city	11,195	5,316	4,601	715
	Elkrun township	4,687	911	851	60
*	Fairfield township	9,890	4,478	4,122	356
	Franklin township	835	359	329	30
	Hanover township	3,704	1,790	1,498	292
	Knox township	4,434	1,861	1,737	124
*	Liverpool township	4,047	1,881	1,744	137
**	Madison township	3,196	1,352	1,272	80
*	Middleton township	3,612	1,527	1,375	152
41	Perry township	16,850	7,824	7,195	629
×	St. Clair township	7,957	3,579	3,325	254
	Salem township	5,484	2,306	2,118	188
×	Unity township	9,957	4,307	3,942	365
	Washington township	2,264	1,015	893	122
	Wayne township	814	355	321	34
7	Wellsville village	3,541	1,774	1,475	299
•	West township	3,307	1,324	1,212	112
X	Yellow Creek township	2,140	923	872	51

Source: U.S. Census Bureau, 2010 Census.

2010 Census Redistricting Data (Public Law 94-171) Summary File, Tables P1 and H1



	Α	В	С	D	E
1	Community	State	Total DBS Subscribers	2010 Census Occupied Housing Units	% of DBS Penetration In Franchise Area Column C / Column D
2	Columbiana	ОН	630	2,852	22.09%
3	East Liverpool	ОН	758	4,601	16.47%
4	East Palestine	ОН	428	1,898	22.55%
5	Leetonia	ОН	286	748	38.24%
6	Liverpool	ОН	321	1,744	18.41%
7	Madison	ОН	715	1,272	56.21%
8	Middleton	ОН	712	1,375	51.78%
9	New Waterford	ОН	126	513	24.56%
10	Springfield	ОН	789	2,694	29.29%
11	St. Clair	ОН	792	3,325	23.82%
12	Wellsville	ОН	308	1,475	20.88%
13	Yellowcreek	ОН	380	872	43.58%

EXHIBIT 8

Community	Comcast Subscribers	2010 Census Data Occupied Housing Units	% of Comcast Penetration
Fairfield	516	4,122	12.52%
Unity	473	3,942	12.00%

CERTIFICATE OF SERVICE

I, Deborah D. Williams, do hereby certify on this 9th day of July, 2012 that a true and correct copy of the foregoing "Petition for Special Relief" has been sent via U.S. mail, postage prepaid to the following:

Keith Chamberlain City Manager City of Columbiana 28 West Friend Street Columbiana, OH 44408

Gary Clark
City Manager
East Palestine
PO Box 231
Palestine, OH 44413

Randy Ghismar Fiscal Officer Leetonia 300 E. Main St. Leetonia, OH 44431

Tiffany Chetock Fiscal Officer Madison 13174 State Rt 45 Lisbon, OH 44432

Dave Slagle
Fiscal Officer
New Waterford
3760 Village Park Drive
New Waterford, OH 44445

Deb Dawson Fiscal Officer St. Clair- Township 15442 Pugh Rd., Suite 1 Calcutta, OH 43920 Robin Tokorcheck Manager East Liver Pool 126 W. 6th Street. E. Liverpool, OH 43920

Patricia Hoffmaster Fiscal Officer Fairfield 3201 State Route 164 Leetonia, OH 44431

Christine Fell Fiscal Officer Liverpool Township PO Box 1064 East Liverpool, OH 43920

Robert chapman Fiscal Officer Middleton PO Box 295 Negley, OH 44441

Patty Gibson Fiscal Officer Springfield Township 3475 East Range Rd. New Springfield, OH 44443

Nancy Herr Fiscal Officer Unity 51977 State Rt. 14 East Palestine, OH 44413 Dale Davis Fiscal Officer Wellsville 1200 Main Street Wellsville, OH 43968

Marlene H. Dortch, Secretary Federal Communications Commission Office of the Secretary 445 12th Street, SW Washington, DC 20554 Deborah Ann Lyle Fiscal Officer Yellowcreek PO Box 584 Wellsville, OH 43968

William Lake, Chief, Media Bureau Federal Communications Commission Office of the Secretary 445 12th Street, SW Washington, DC 20554

Deborah D. Welliams